

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102617\
 Data File : BF099866.D
 Acq On : 26 Oct 2017 17:25
 Operator : SJ/JU
 Sample : I6078-01 2X
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DW-1

Manual Integrations
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Sohil
 10/27/2017 5:34:11 PM

Quant Time: Oct 27 10:56:55 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 26 16:31:52 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	64193	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	260663	20.00	ng	0.00
38) Acenaphthene-d10	9.84	164	118785	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	212521	20.00	ng	0.00
75) Chrysene-d12	13.99	240	186922	20.00	ng	0.00
86) Perylene-d12	15.49	264	167122	20.00	ng	0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	156377	38.25	ng	0.00
7) Phenol-d6	6.43	99	200700	41.40	ng	0.00
23) Nitrobenzene-d5	7.36	82	105258	26.00	ng	0.00
41) 2,4,6-Tribromophenol	10.63	330	40427	37.35	ng	0.00
44) 2-Fluorobiphenyl	9.15	172	193712	25.16	ng	0.00
78) Terphenyl-d14	12.92	244	166628	19.48	ng	0.00
Target Compounds						
10) Phenol	6.45	94	11412	2.144	ng	83
70) Phenanthrene	11.36	178	62702	5.228	ng	99
74) Fluoranthene	12.55	202	148115	11.883	ng	99
77) Pyrene	12.78	202	115620	8.135	ng	98
80) Benzo(a)anthracene	13.98	228	44710	3.773	ng	96
82) Chrysene	14.02	228	62104	5.575	ng	98
83) Bis(2-ethylhexyl)phthalate	13.94	149	78933	8.031	ng	100
85) Indeno(1,2,3-cd)pyrene	17.00	276	22374	2.188	ng	# 93
87) Benzo(b)fluoranthene	15.05	252	69979m	6.631	ng	
88) Benzo(k)fluoranthene	15.07	252	21803m	2.191	ng	
89) Benzo(a)pyrene	15.43	252	40897	4.314	ng	# 65
91) Benzo(a,h,i)perylene	17.47	276	23711	2.877	ng	# 80

(#) = qualifier out of range (m) = manual integration (+) = signals summed

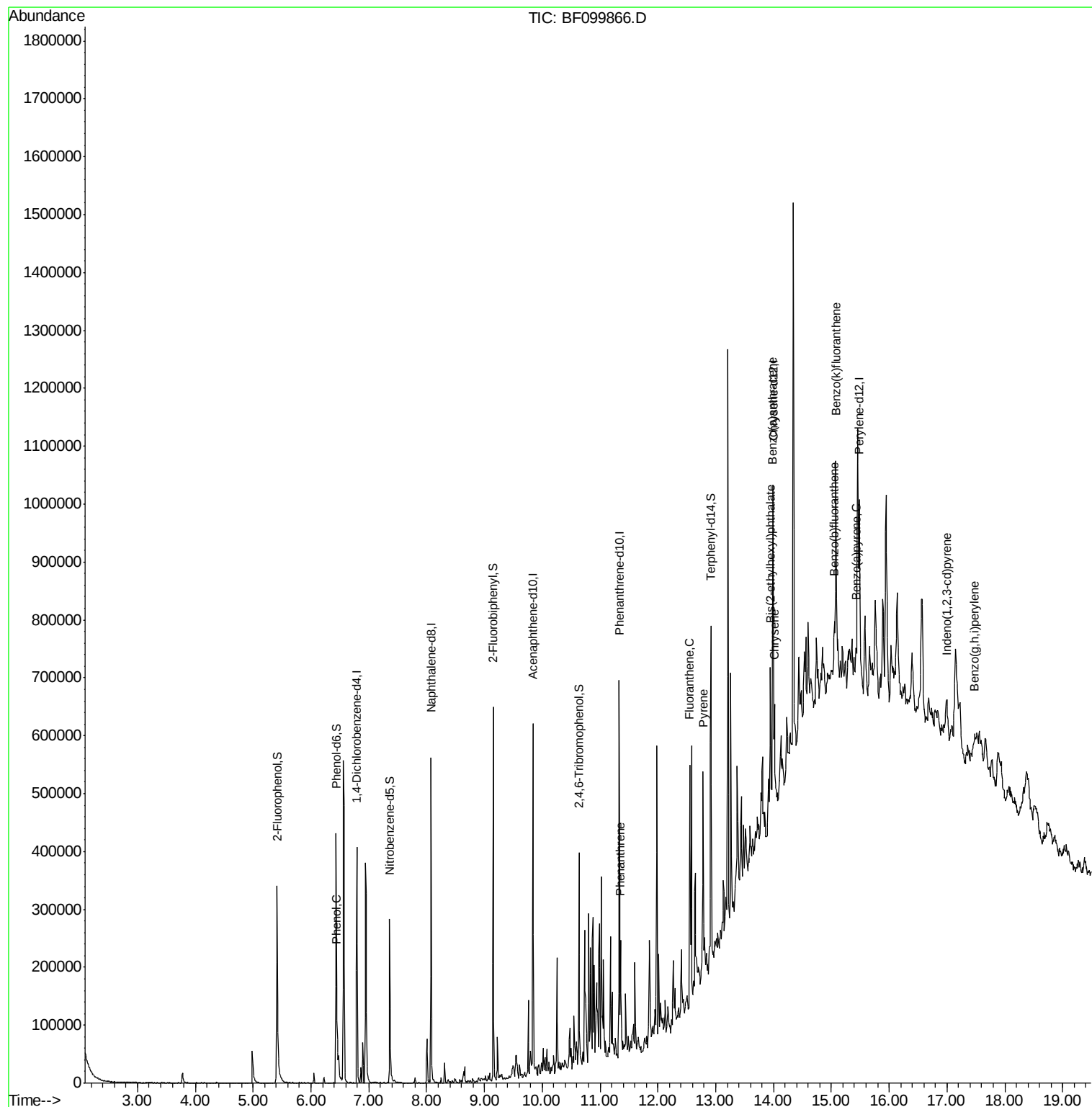
Data Path : Z:\HPCHEM1\BNA F\DATA\BF102617\
Data File : BF099866.D
Acq On : 26 Oct 2017 17:25
Operator : SJ/JU
Sample : I6078-01 2X
Misc :
ALS Vial : 12 Sample Multiplier: 1

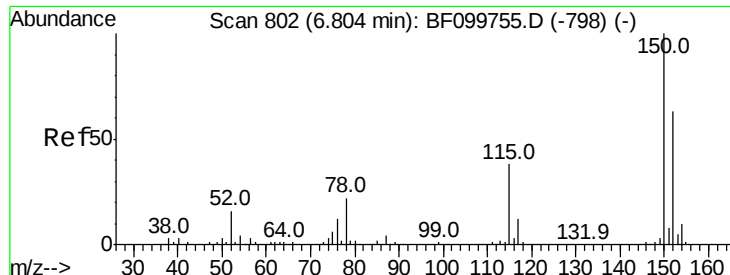
Instrument :
BNA_F
ClientSampleId :
DW-1

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#1

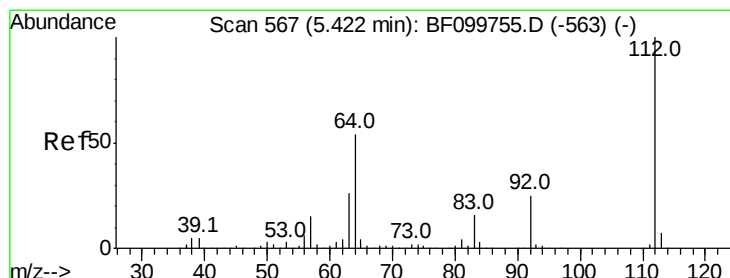
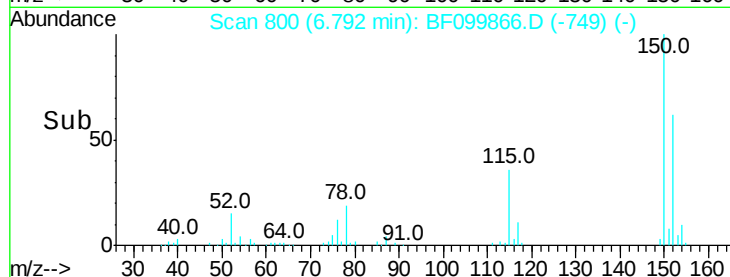
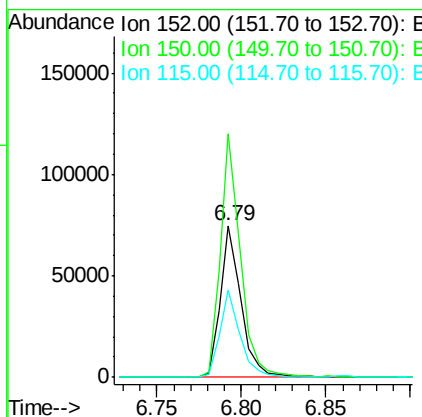
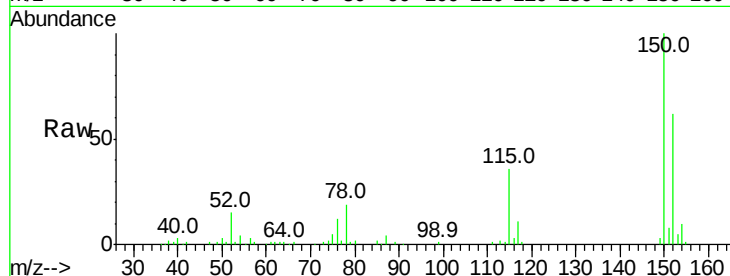
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 800
Delta R.T. 0.00 min
Lab File: BF099866.D
Acq: 26 Oct 2017 17:25

Instrument :
BNA_F
ClientSampleId :
DW-1

Tot Ion	Ratio	Lower	Upper
152	100		
150	160.4	124.6	186.8
115	57.9	50.1	75.1

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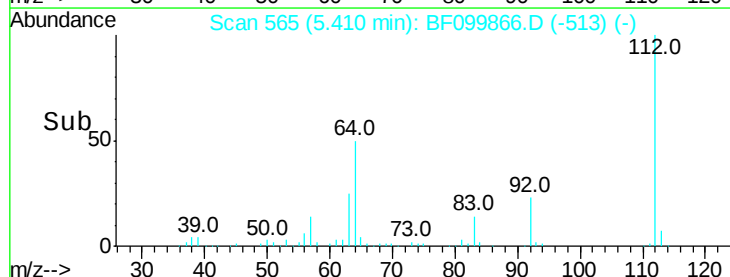
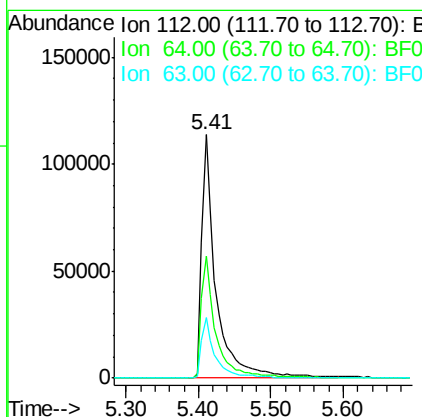
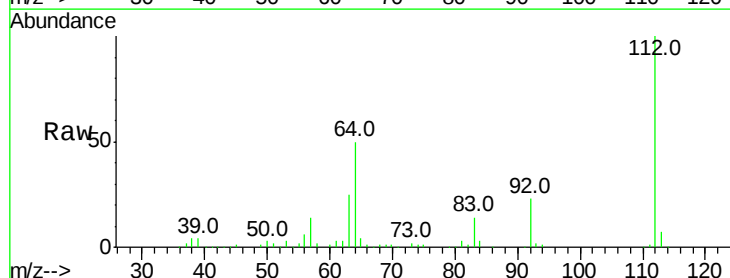
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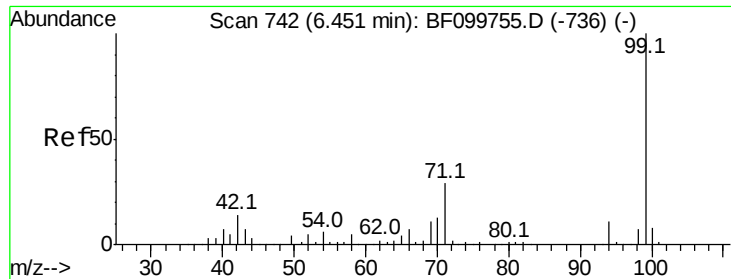


#5

2-Fluorophenol
Concen: 38.245 ng
RT: 5.41 min Scan# 565
Delta R.T. 0.01 min
Lab File: BF099866.D
Acq: 26 Oct 2017 17:25

Tgt Ion	Ratio	Lower	Upper
112	100		
64	50.1	47.9	71.9
63	24.8	23.7	35.5





#7

Phenol-d6

Concen: 41.397 ng

RT: 6.43 min Scan# 739

Delta R.T. 0.00 min

Lab File: BF099866.D

Acq: 26 Oct 2017 17:25

Instrument :

BNA_F

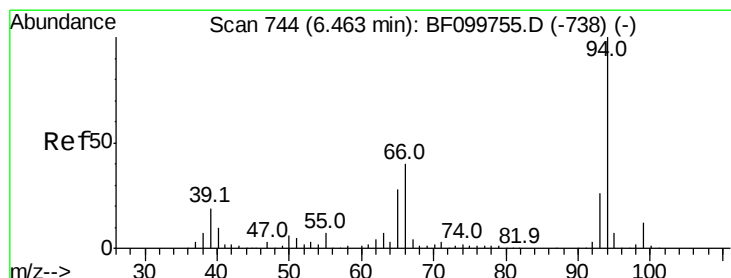
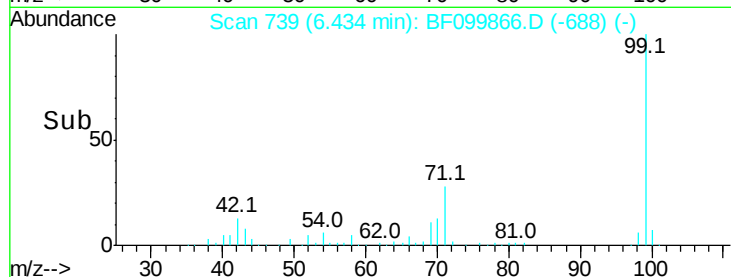
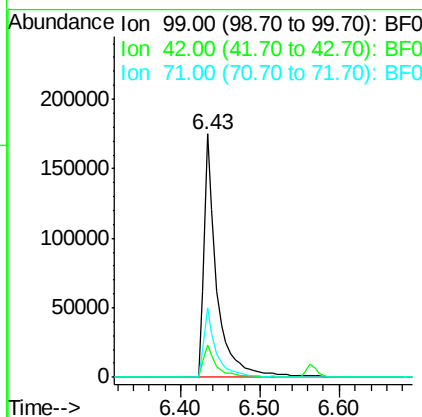
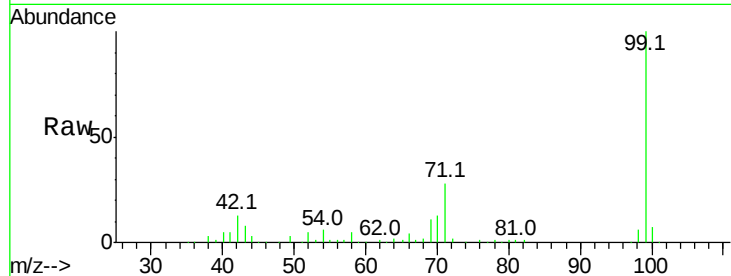
ClientSampled :

DW-1

Tot Ion:	99	Resp:	200700
Ion Ratio	Lower	Upper	
99	100		
42	13.5	14.5	21.7#
71	28.4	25.4	38.0

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#10

Phenol

Concen: 2.144 ng

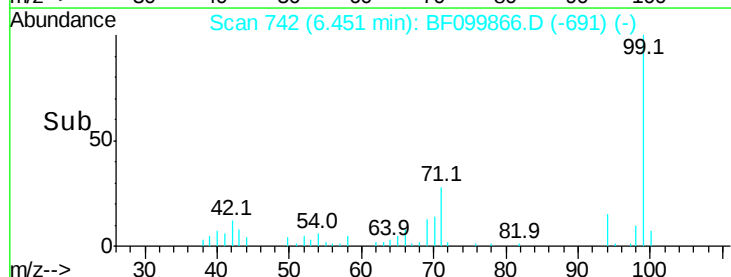
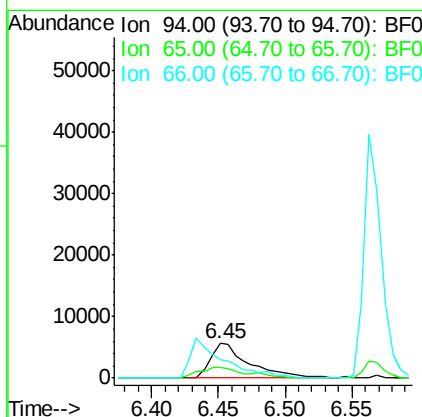
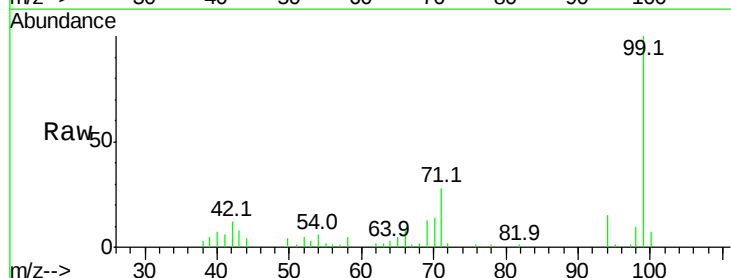
RT: 6.45 min Scan# 742

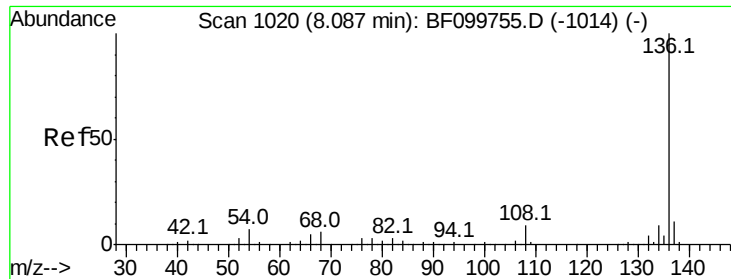
Delta R.T. 0.00 min

Lab File: BF099866.D

Acq: 26 Oct 2017 17:25

Tgt Ion:	94	Resp:	11412
Ion Ratio	Lower	Upper	
94	100		
65	30.7	7.9	47.9
66	51.5	16.2	56.2





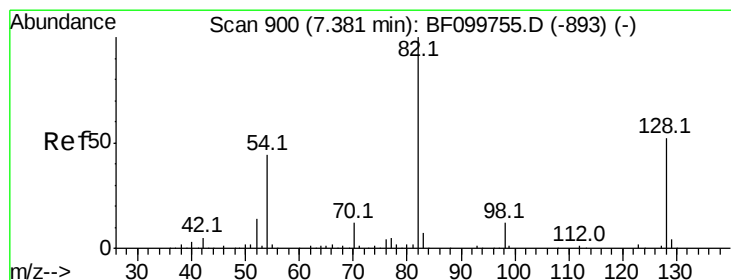
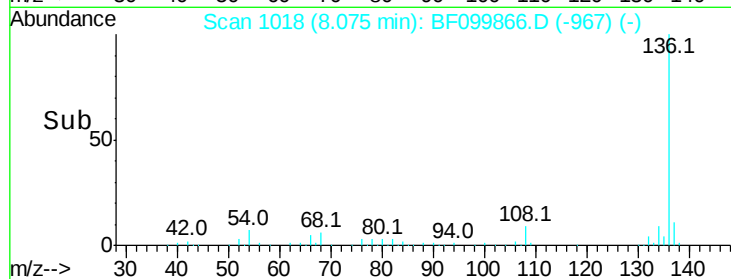
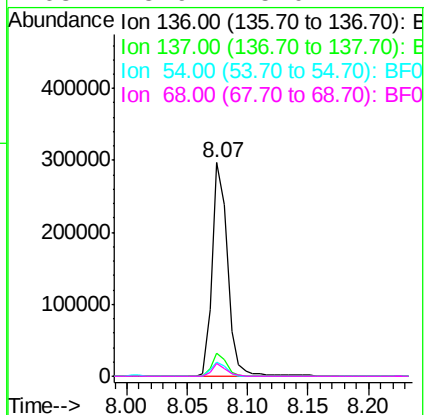
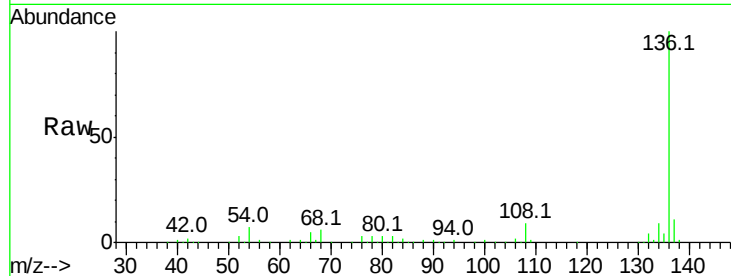
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1018
Delta R.T. 0.00 min
Lab File: BF099866.D
Acq: 26 Oct 2017 17:25

Instrument :
BNA_F
ClientSampleId :
DW-1

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.0	8.9	13.3	
54	6.8	6.6	9.8	
68	5.9	5.0	7.4	

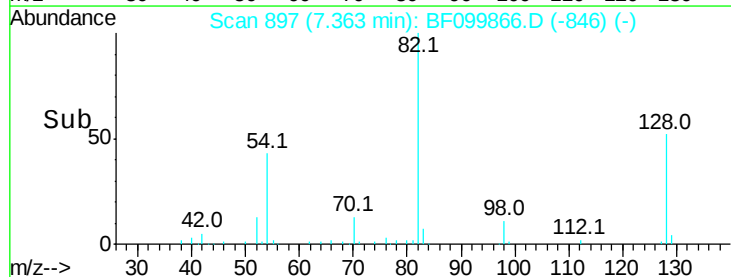
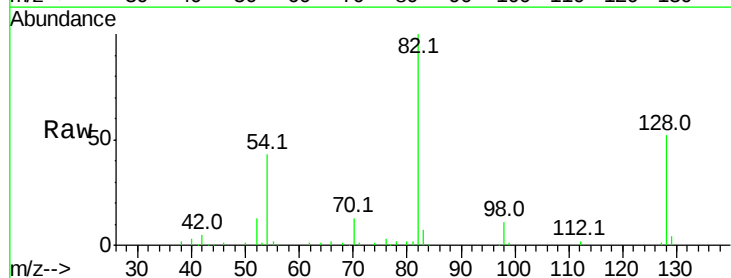
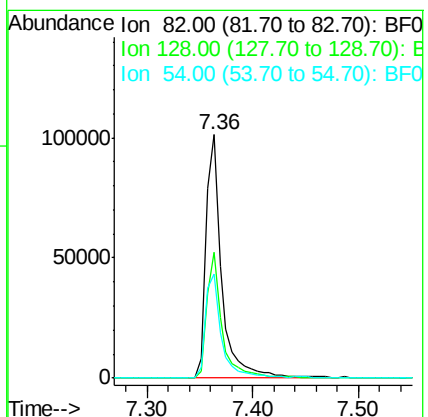
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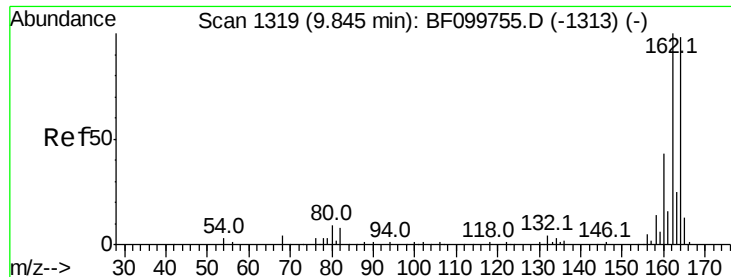
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#23
Nitrobenzene-d5
Concen: 25.997 ng
RT: 7.36 min Scan# 897
Delta R.T. 0.00 min
Lab File: BF099866.D
Acq: 26 Oct 2017 17:25

Tgt Ion	Ratio	Resp	Lower	Upper
82	100			
128	51.9	36.1	54.1	
54	43.0	41.4	62.2	





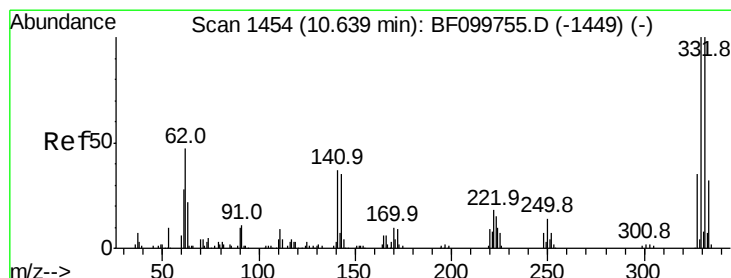
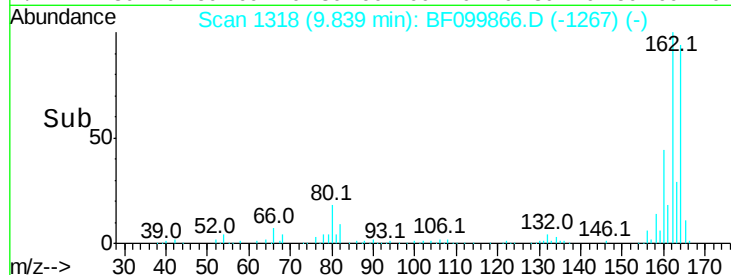
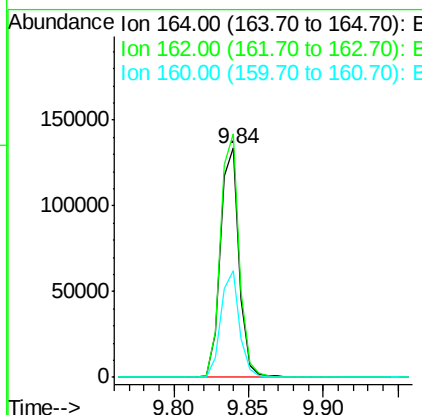
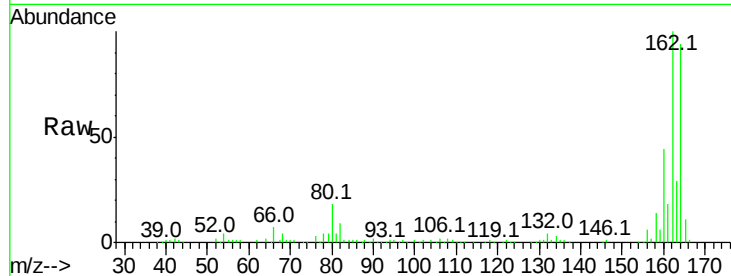
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.84 min Scan# 1318
Delta R.T. 0.00 min
Lab File: BF099866.D
Acq: 26 Oct 2017 17:25

Instrument :
BNA_F
ClientSampleId :
DW-1

Tot Ion	Ratio	Resp	Lower	Upper
164	100	118785		
162	106.1	86.1	129.1	
160	46.6	38.3	57.5	

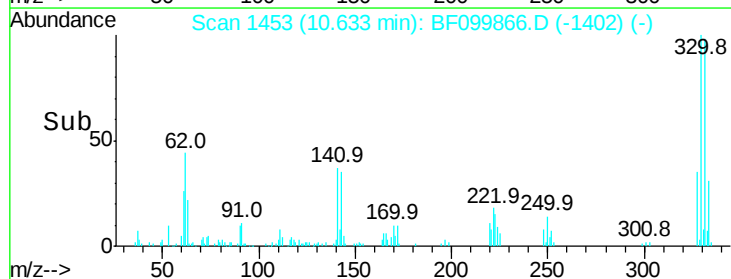
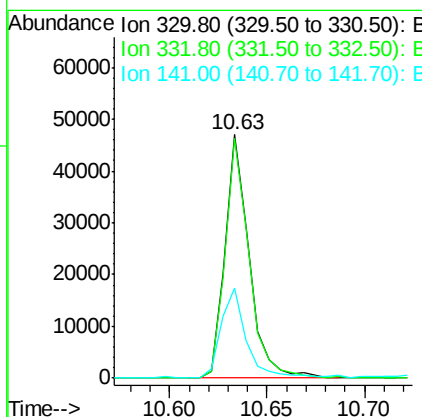
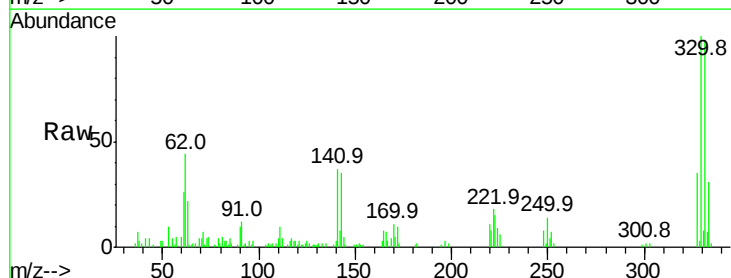
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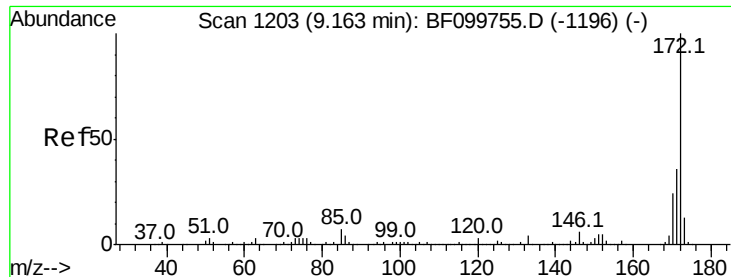
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#41
2,4,6-Tribromophenol
Concen: 37.346 ng
RT: 10.63 min Scan# 1453
Delta R.T. 0.00 min
Lab File: BF099866.D
Acq: 26 Oct 2017 17:25

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	40427		
332	98.0	77.0	115.6	
141	39.3	29.9	44.9	





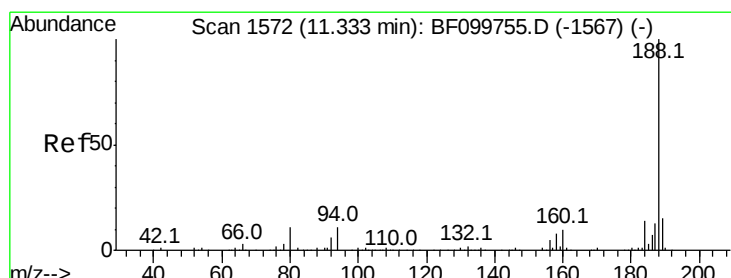
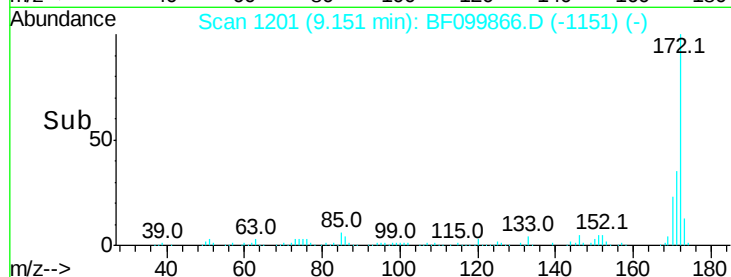
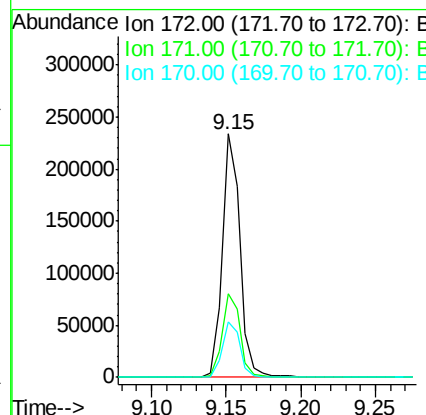
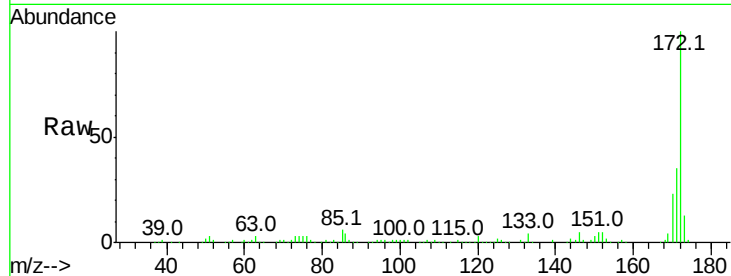
#44
 2-Fluorobiphenyl
 Concen: 25.160 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. -0.01 min
 Lab File: BF099866.D
 Acq: 26 Oct 2017 17:25

Instrument :
 BNA_F
 ClientSampleId :
 DW-1

Tot Ion	Ratio	Resp	Lower	Upper
172	100	193712		
171	34.5		29.7	44.5
170	22.8		19.6	29.4

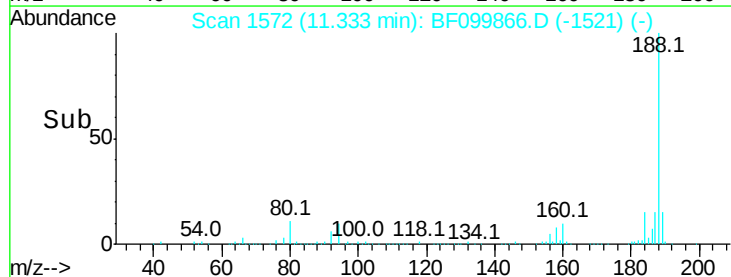
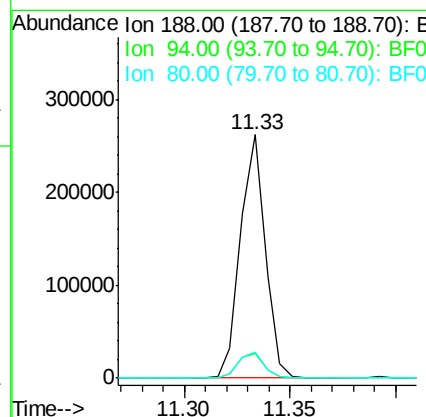
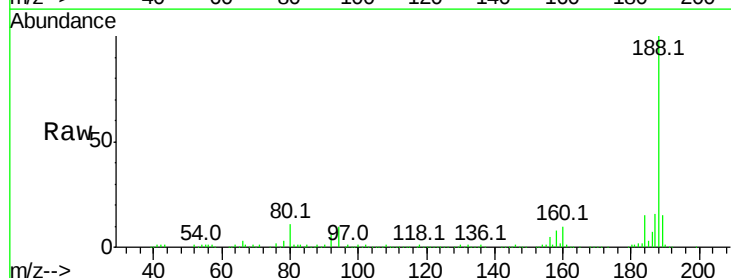
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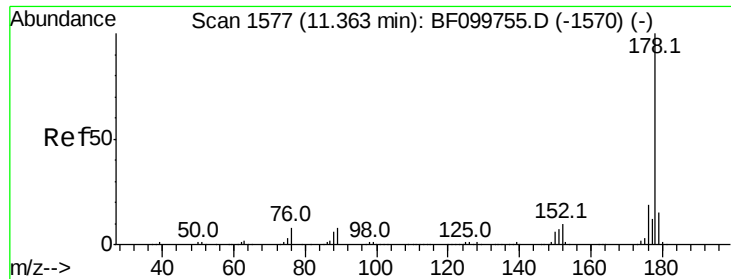
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#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.33 min Scan# 1572
 Delta R.T. 0.00 min
 Lab File: BF099866.D
 Acq: 26 Oct 2017 17:25

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	212521		
94	9.9		8.5	12.7
80	10.5		9.2	13.8





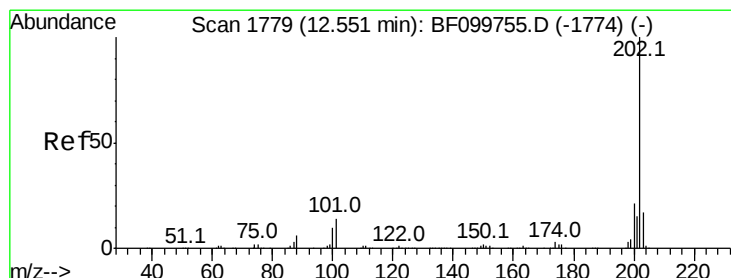
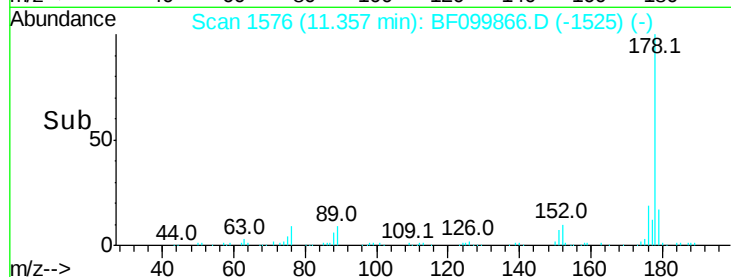
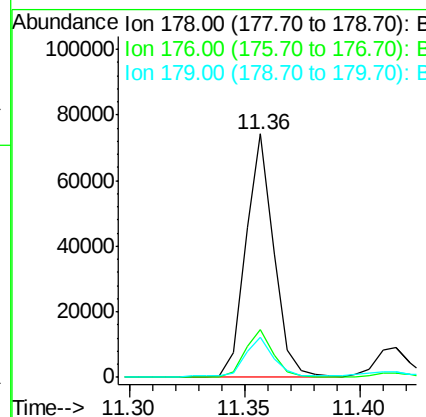
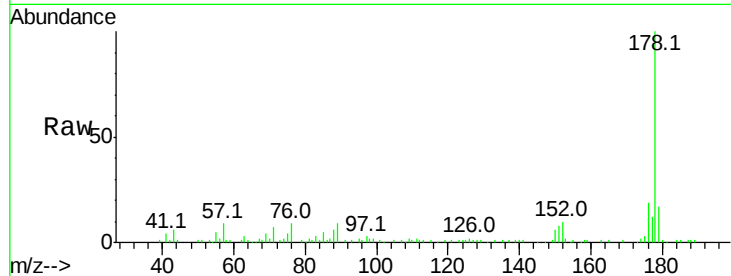
#70
Phenanthrene
Concen: 5.228 ng
RT: 11.36 min Scan# 1576
Delta R.T. 0.00 min
Lab File: BF099866.D
Acq: 26 Oct 2017 17:25

Instrument :
BNA_F
ClientSampled :
DW-1

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.8	23.8
179	16.7	13.0	19.6

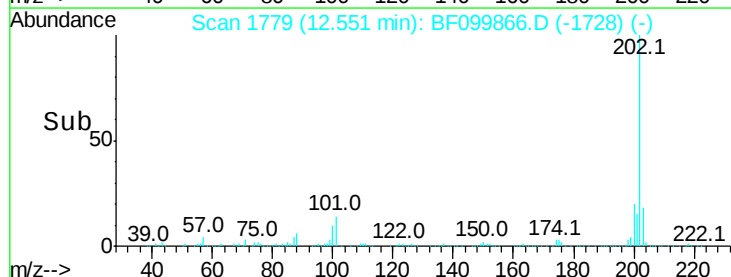
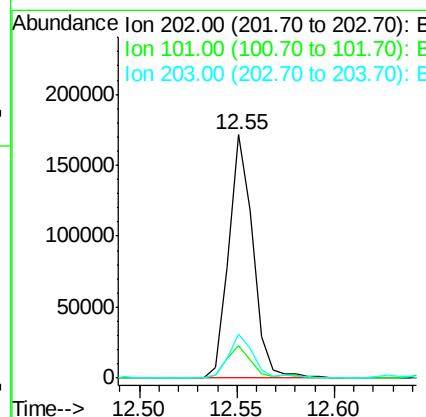
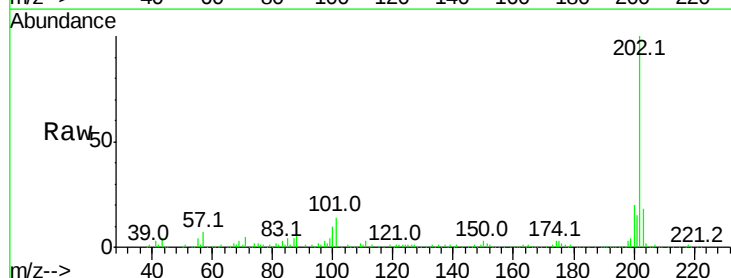
Manual Integrations
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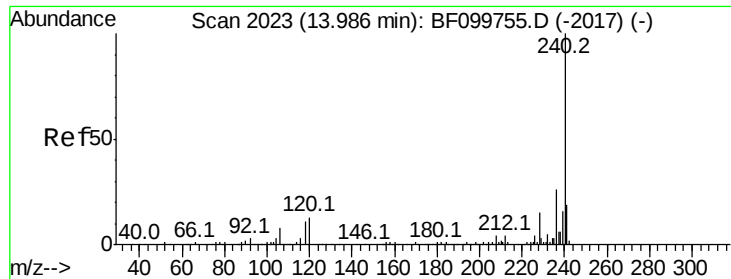
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#74
Fluoranthene
Concen: 11.883 ng
RT: 12.55 min Scan# 1779
Delta R.T. 0.00 min
Lab File: BF099866.D
Acq: 26 Oct 2017 17:25

Tgt Ion	Ratio	Lower	Upper
202	100		
101	13.6	0.0	34.1
203	17.9	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.99 min Scan# 2024

Delta R.T. 0.01 min

Lab File: BF099866.D

Acq: 26 Oct 2017 17:25

Instrument :

BNA_F

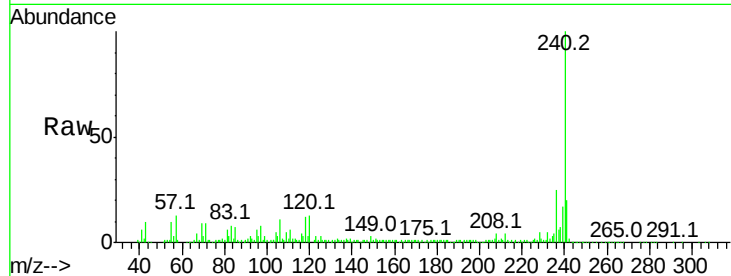
ClientSampled :

DW-1

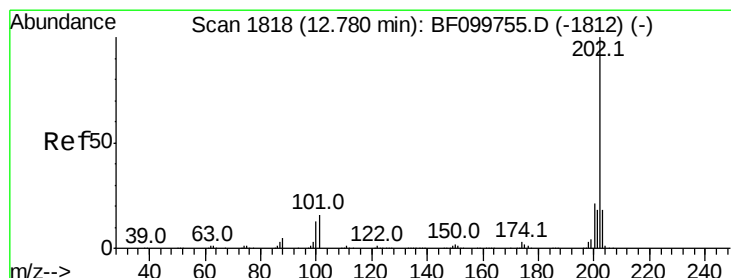
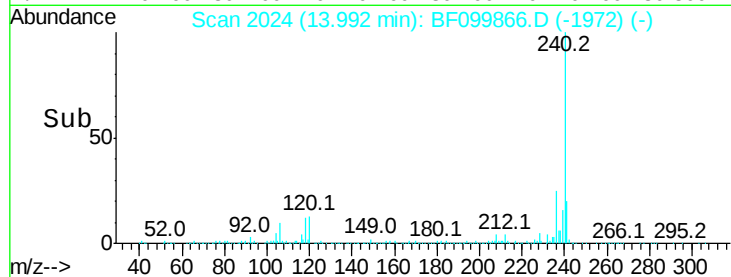
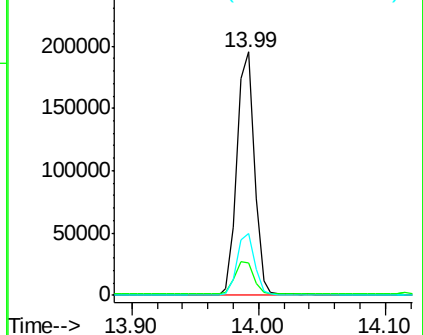
Tot Ion:	240	Resp:	186922
Ion Ratio		Lower	Upper
240	100		
120	13.4	9.5	14.3
236	25.2	20.7	31.1

Manual Integrations
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Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E



#77

Pyrene

Concen: 8.135 ng

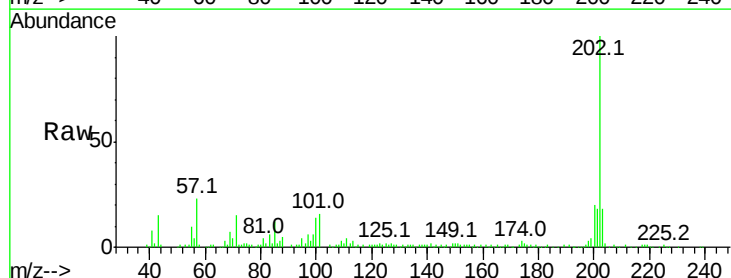
RT: 12.78 min Scan# 1818

Delta R.T. 0.00 min

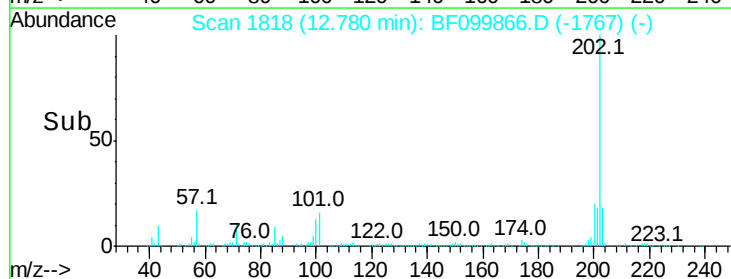
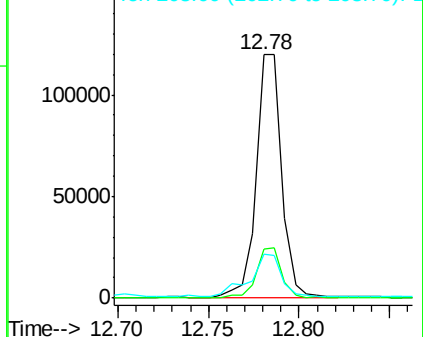
Lab File: BF099866.D

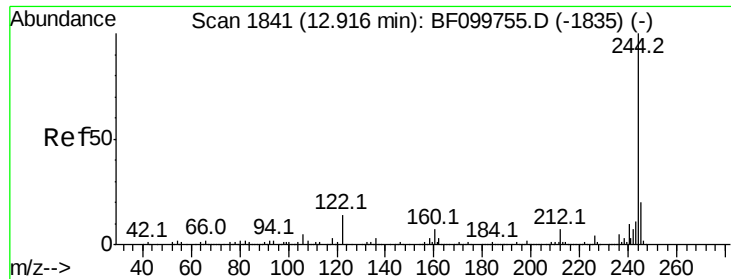
Acq: 26 Oct 2017 17:25

Tgt Ion:	202	Resp:	115620
Ion Ratio		Lower	Upper
202	100		
200	20.0	17.4	26.2
203	17.9	14.3	21.5



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 19.481 ng

RT: 12.92 min Scan# 1841

Delta R.T. 0.00 min

Lab File: BF099866.D

Acq: 26 Oct 2017 17:25

Instrument :

BNA_F

ClientSampled :

DW-1

Tot Ion:244 Resp: 166628

Ion Ratio Lower Upper

244 100

212 6.6 5.4 8.0

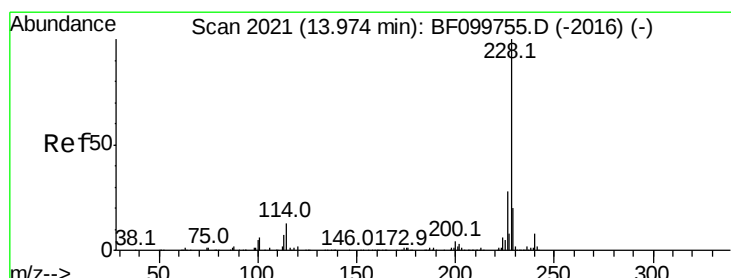
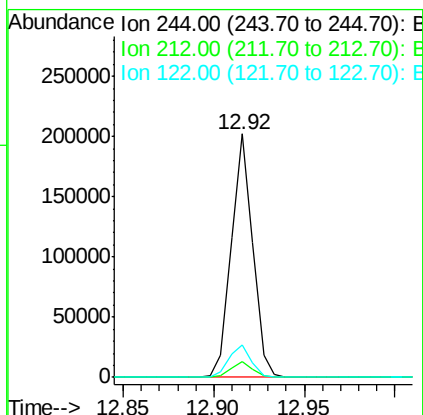
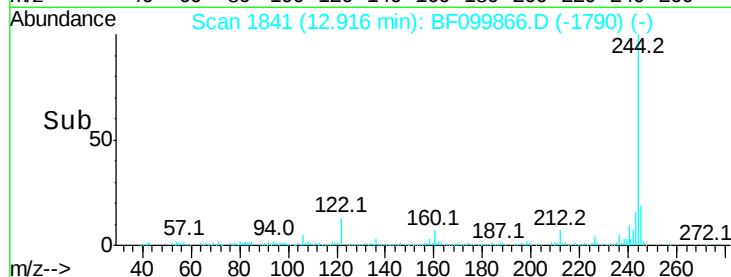
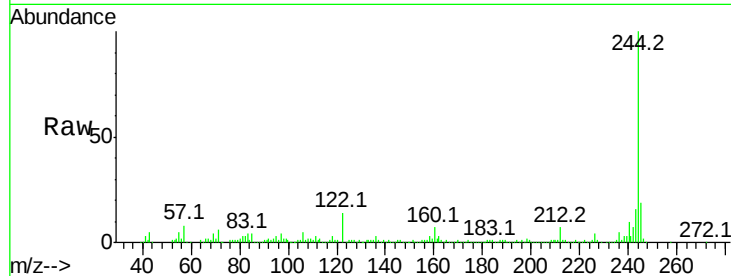
122 13.5 11.0 16.4

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#80

Benzo(a)anthracene

Concen: 3.773 ng

RT: 13.98 min Scan# 2022

Delta R.T. 0.01 min

Lab File: BF099866.D

Acq: 26 Oct 2017 17:25

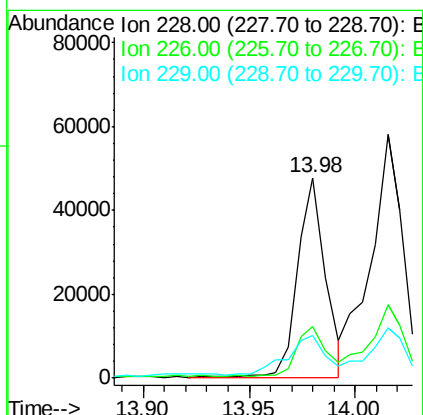
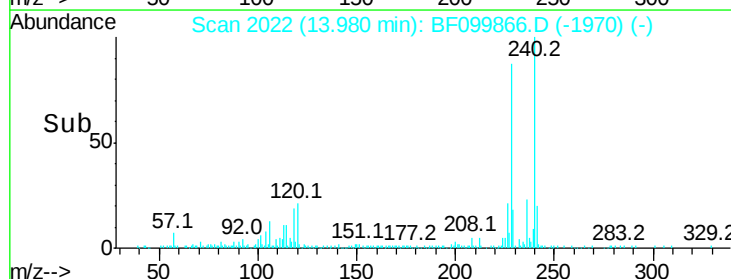
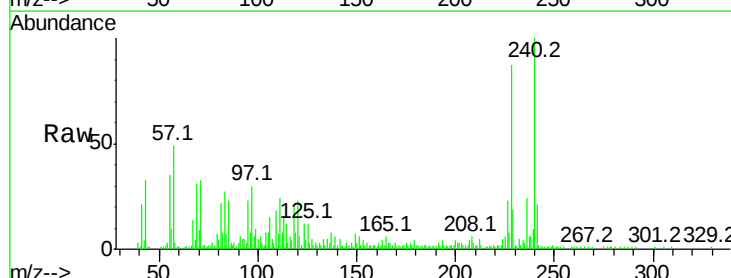
Tgt Ion:228 Resp: 44710

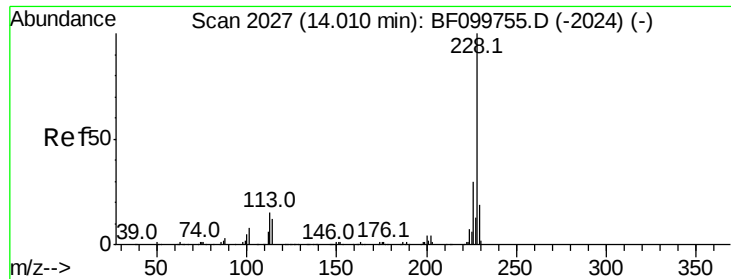
Ion Ratio Lower Upper

228 100

226 26.0 22.6 33.8

229 21.6 15.8 23.6





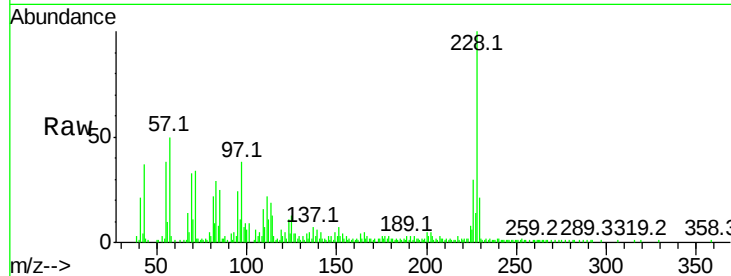
#82
 Chrysene
 Concen: 5.575 ng
 RT: 14.02 min Scan# 2028
 Delta R.T. 0.00 min
 Lab File: BF099866.D
 Acq: 26 Oct 2017 17:25

Instrument :
 BNA_F
 ClientSampled :
 DW-1

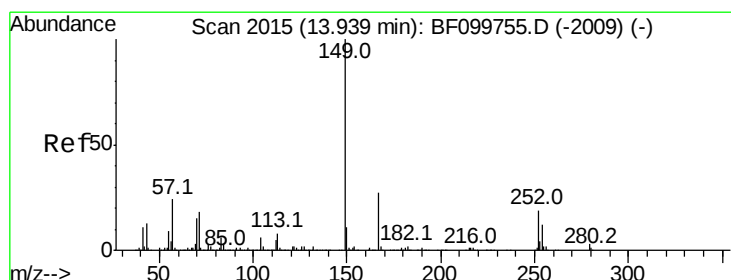
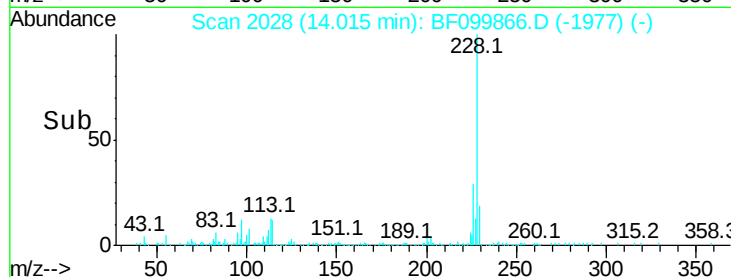
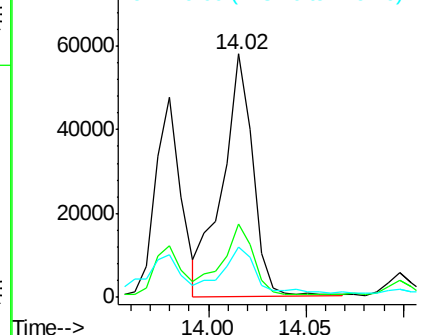
Tot Ion:	228	Resp:	62104
Ion	Ratio	Lower	Upper
228	100		
226	30.1	25.0	37.6
229	20.6	16.2	24.4

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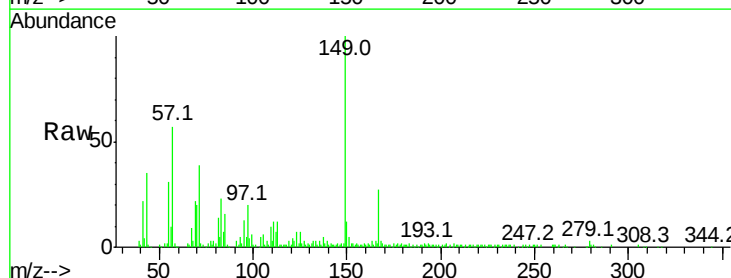


Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E

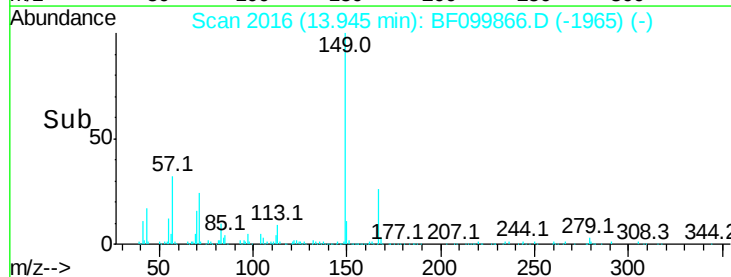
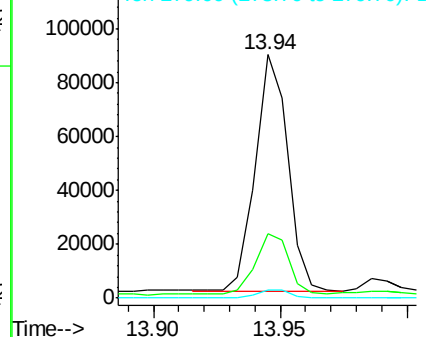


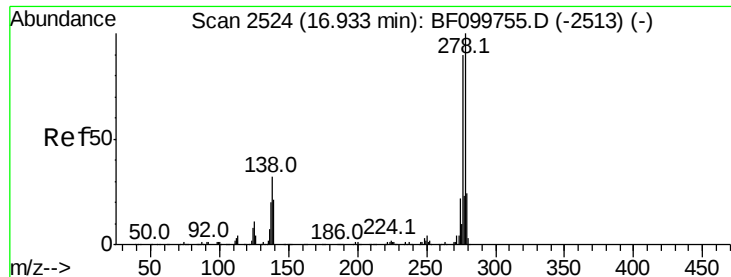
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 8.031 ng
 RT: 13.94 min Scan# 2016
 Delta R.T. 0.00 min
 Lab File: BF099866.D
 Acq: 26 Oct 2017 17:25

Tgt Ion:	149	Resp:	78933
Ion	Ratio	Lower	Upper
149	100		
167	26.7	21.3	31.9
279	3.3	3.0	4.4



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E





#85

Indeno(1,2,3-cd)pyrene

Concen: 2.188 ng

RT: 17.00 min Scan# 2536

Delta R.T. 0.05 min

Lab File: BF099866.D

Acq: 26 Oct 2017 17:25

Instrument :

BNA_F

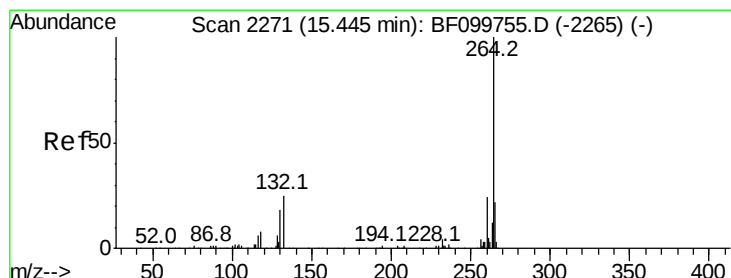
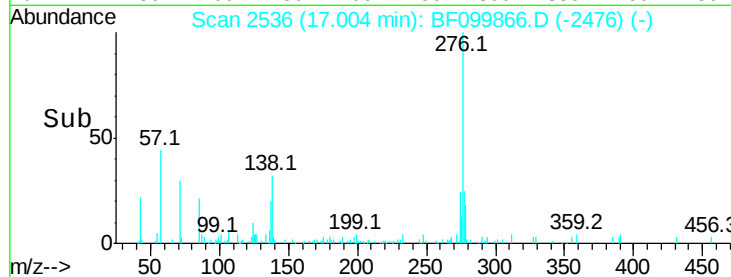
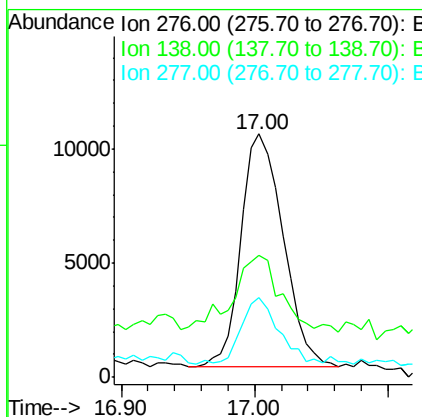
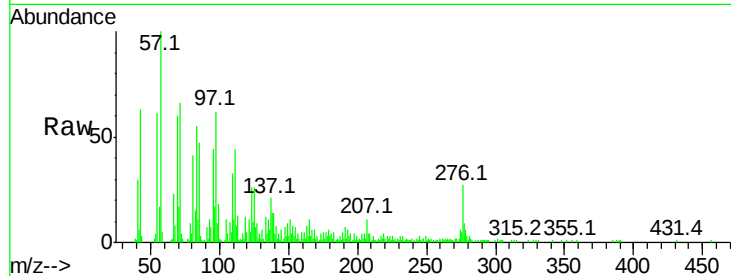
ClientSampled :

DW-1

Tot Ion:	276	Resp:	22374
Ion Ratio	Lower	Upper	
276	100		
138	37.9	25.0	37.6#
277	24.7	20.1	30.1

Manual Integrations
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#86

Perylene-d12

Concen: 20.000 ng

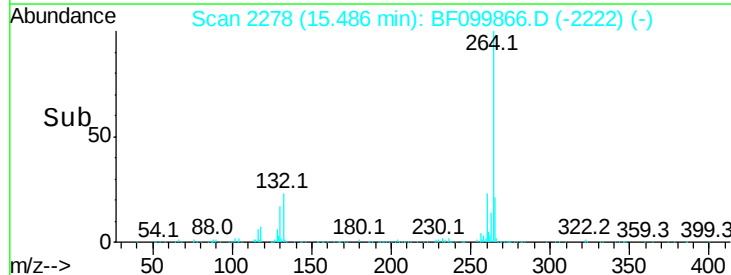
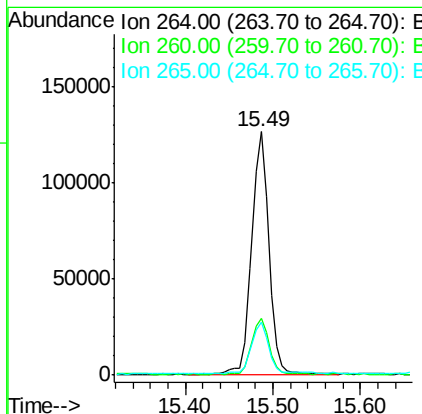
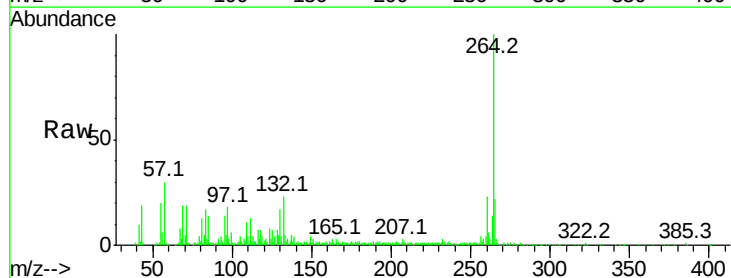
RT: 15.49 min Scan# 2278

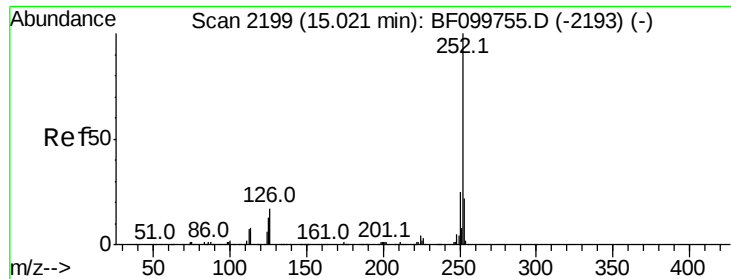
Delta R.T. 0.03 min

Lab File: BF099866.D

Acq: 26 Oct 2017 17:25

Tgt Ion:	264	Resp:	167122
Ion Ratio	Lower	Upper	
264	100		
260	23.3	19.2	28.8
265	21.7	17.5	26.3





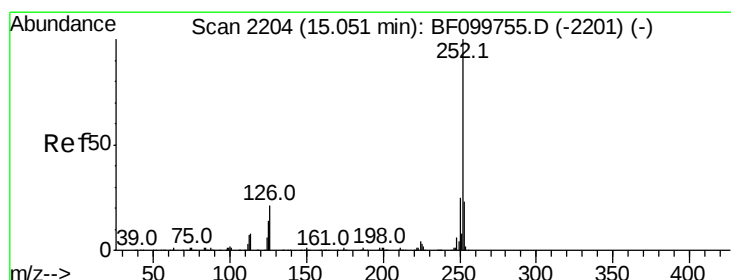
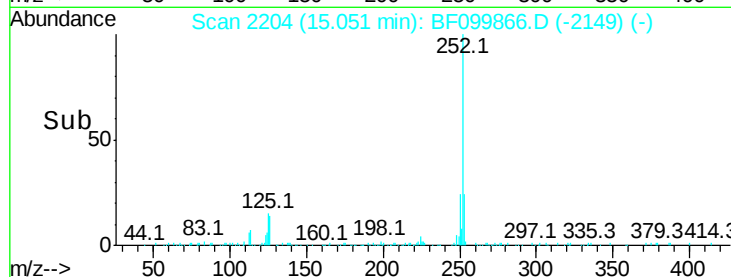
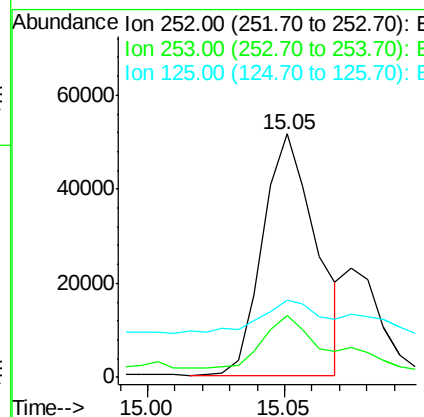
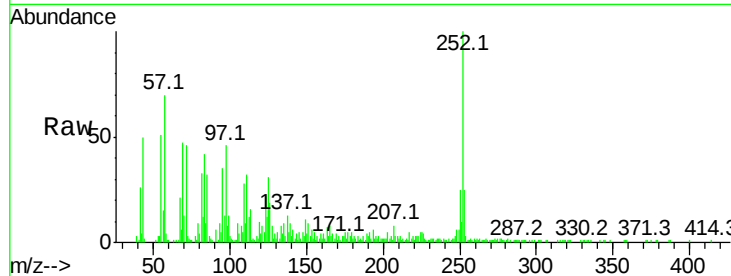
#87
Benzo(b)fluoranthene
Concen: 6.631 ng m
RT: 15.05 min Scan# 2204
Delta R.T. 0.02 min
Lab File: BF099866.D
Acq: 26 Oct 2017 17:25

Instrument :
BNA_F
ClientSampled :
DW-1

Tot Ion	Ratio	Lower	Upper
252	100		
253	25.3	17.0	25.6
125	31.5	9.0	13.6

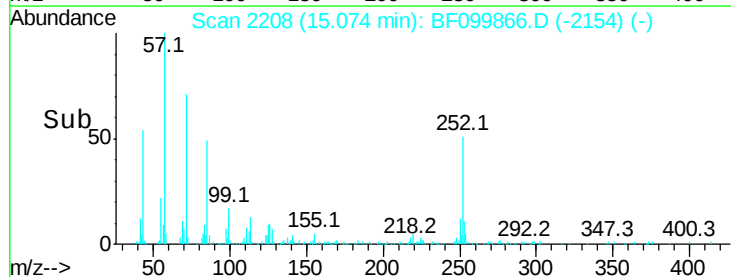
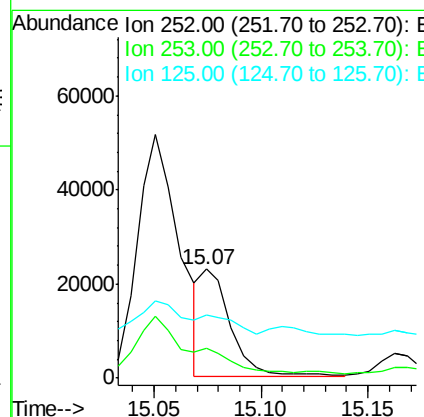
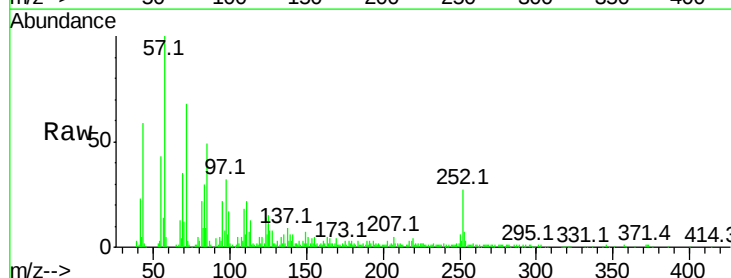
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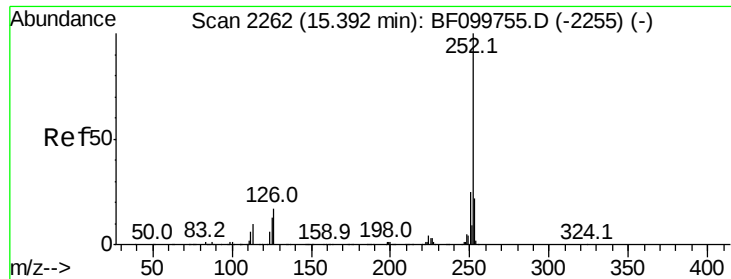
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#88
Benzo(k)fluoranthene
Concen: 2.191 ng m
RT: 15.07 min Scan# 2208
Delta R.T. 0.02 min
Lab File: BF099866.D
Acq: 26 Oct 2017 17:25

Tgt Ion	Ratio	Lower	Upper
252	100		
253	27.0	17.9	26.9
125	57.8	10.2	15.2





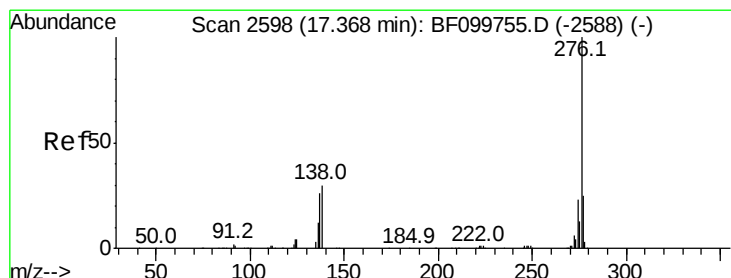
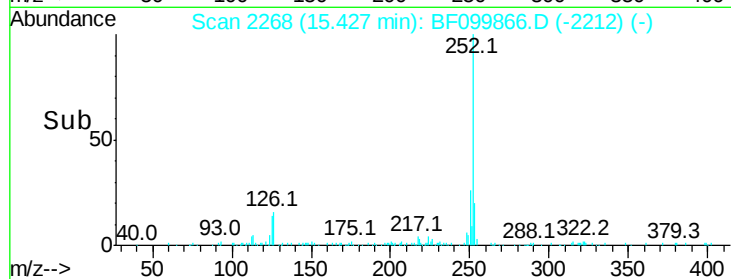
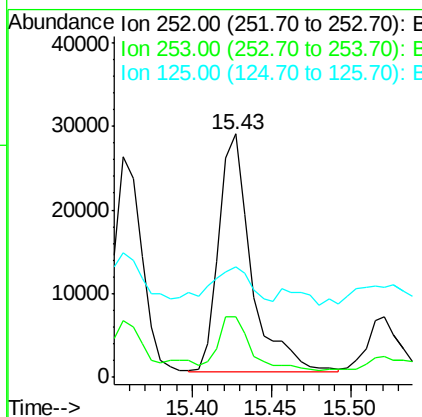
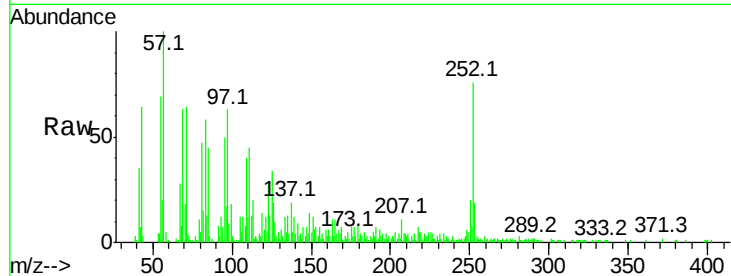
#89
Benzo(a)pyrene
Concen: 4.314 ng
RT: 15.43 min Scan# 2268
Delta R.T. 0.03 min
Lab File: BF099866.D
Acq: 26 Oct 2017 17:25

Instrument :
BNA_F
ClientSampled :
DW-1

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.7	17.1	25.7
125	45.2	9.8	14.6

Manual Integrations
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#91
Benzo(g,h,i)perylene
Concen: 2.877 ng
RT: 17.47 min Scan# 2615
Delta R.T. 0.08 min
Lab File: BF099866.D
Acq: 26 Oct 2017 17:25

Tgt Ion	Ratio	Lower	Upper
276	100		
277	28.4	17.9	26.9
138	41.2	21.8	32.8

